

What is claimed is:

1. An organic electroluminescence panel, comprising a substrate including organic electroluminescence elements arranged in a matrix and a plurality of thin film transistors for driving the organic electroluminescence elements, wherein a sealing panel covering an area above a display area in which the organic electroluminescence elements are disposed is connected to the substrate in the peripheral portion of the substrate,

the plurality of thin film transistors are covered with a planarization film,

the organic electroluminescence elements are formed above the planarization film,

a moisture blocking layer is provided over the planarization film, and

the moisture blocking layer is bonded to the sealing panel using a sealing member, thereby connecting the substrate with the sealing panel.

2. An organic electroluminescence panel according to claim 1, wherein

the moisture blocking layer is formed of silicon nitride.

3. An organic electroluminescence panel according to claim 1, wherein

in a region where the sealing member is bonded to the moisture blocking layer, the planarization film extends under the moisture blocking layer.

5 4. An organic electroluminescence panel, comprising a substrate including organic electroluminescence elements arranged in a matrix and a plurality of thin film transistors for driving the organic electroluminescence elements, wherein
10 a sealing panel covering an area above a display area in which the organic electroluminescence elements are disposed is connected to the substrate in the peripheral portion of the substrate,

 the plurality of thin film transistors are covered with a planarization film,

15 the organic electroluminescence elements are formed above the planarization film,

 a first moisture blocking layer is provided under the planarization film and above the thin film transistors,

20 a second moisture blocking layer is provided over the planarization film,

 the second moisture blocking layer is bonded to the sealing panel using a sealing member, thereby connecting the substrate with the sealing panel, and

25 the first moisture blocking layer and the second moisture blocking layer are directly connected with each other in the peripheral region of the substrate, so that a side portion of

the planarization film is enclosed by the first and second moisture blocking layers.

5 5. An organic electroluminescence panel according to claim 4, wherein

the first moisture blocking layer and the second moisture blocking layer are formed of silicon nitride.

10 6. An organic electroluminescence panel according to claim 4, wherein

in a region where the sealing member is bonded to the second moisture blocking layer, the planarization film extends under the second moisture blocking layer.

15 7. An organic electroluminescence panel, comprising a substrate including organic electroluminescence elements arranged in a matrix and a plurality of thin film transistors for driving the organic electroluminescence elements, wherein

20 a sealing panel covering an area above a display area in which the organic electroluminescence elements are disposed is connected to the substrate in the peripheral portion of the substrate,

the plurality of thin film transistors are covered with a first planarization film,

25 the organic electroluminescence elements are formed above the first planarization film,

a moisture blocking layer is provided over the first planarization film,

each of the organic electroluminescence element comprises a lower electrode, an upper electrode and an organic layer
5 including an organic emissive material,

a second planarization film covers edge portions of the lower electrode and is formed in a non-emissive region of the display region,

in a region where a sealing member is bonded to the
10 moisture blocking layer, the first planarization film extends under the moisture blocking layer,

the second planarization film terminates at a point which is further inside the panel with respect to the region where the moisture blocking layer is bonded to the sealing member,
15 and

the moisture blocking layer is bonded to the sealing panel using the sealing member, thereby connecting the substrate with the sealing panel.

20 8. An organic electroluminescence panel according to claim 7, wherein

the moisture blocking layer is formed of silicon nitride.

9. An organic electroluminescence panel according to
25 claim 7, wherein

the moisture blocking layer is bonded to the sealing panel using the sealing member, thereby connecting the substrate to the sealing panel,

another moisture blocking layer is provided under the
5 first planarization film and above the thin film transistors,
and

the two moisture blocking layers are directly connected in the peripheral portion of the substrate, so that a side portion of the planarization film is enclosed by the two moisture
10 blocking layers.